

Rock Tavern to Sugarloaf Project

August 5, 2020

Chester, NY

Overview



- New York Transco LLC
- NYISO Selection
- Routing Analysis
- Rock Tavern to Sugarloaf Upgrade (RTS)
- Project Benefits

New York Transco



- New York-based, New York-focused owner & developer of bulk transmission facilities
- Owned by affiliates of Con Edison, National Grid, AVANGRID and CH Energy Group
- Board of Directors, Officers and full-time employees
- Office in Hudson, NY
- Current projects to support NY clean energy goals:
 - New York Energy Solution (NYES)
 - Rock Tavern to Sugarloaf Upgrade (RTS)

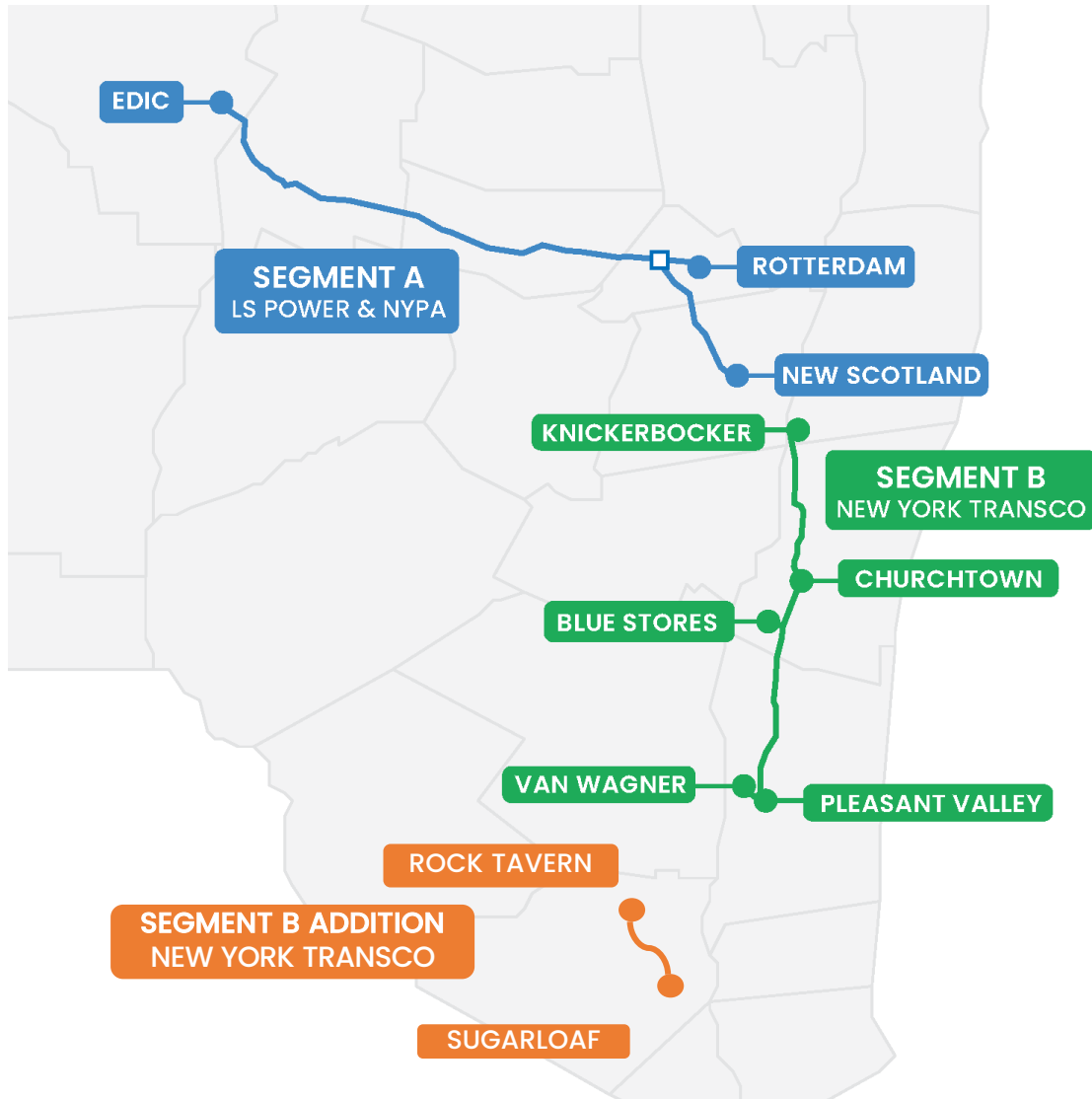
Completed Projects:

Ramapo – Rock
Tavern 345kV
Transmission Line

Fraser – Coopers
Corners 345kV Line
with Reactive
Support

Staten Island
Unbottling

NYISO-Selected Projects



- Public policy, competitive selection in April '19
- Relieve congestion & facilitate renewables from upstate resources to downstate customers
- Upgrade aging system(s)
- All must be in-service December 2023

Segment A:

- Utica to outside of Albany
- LS Power & NYPA

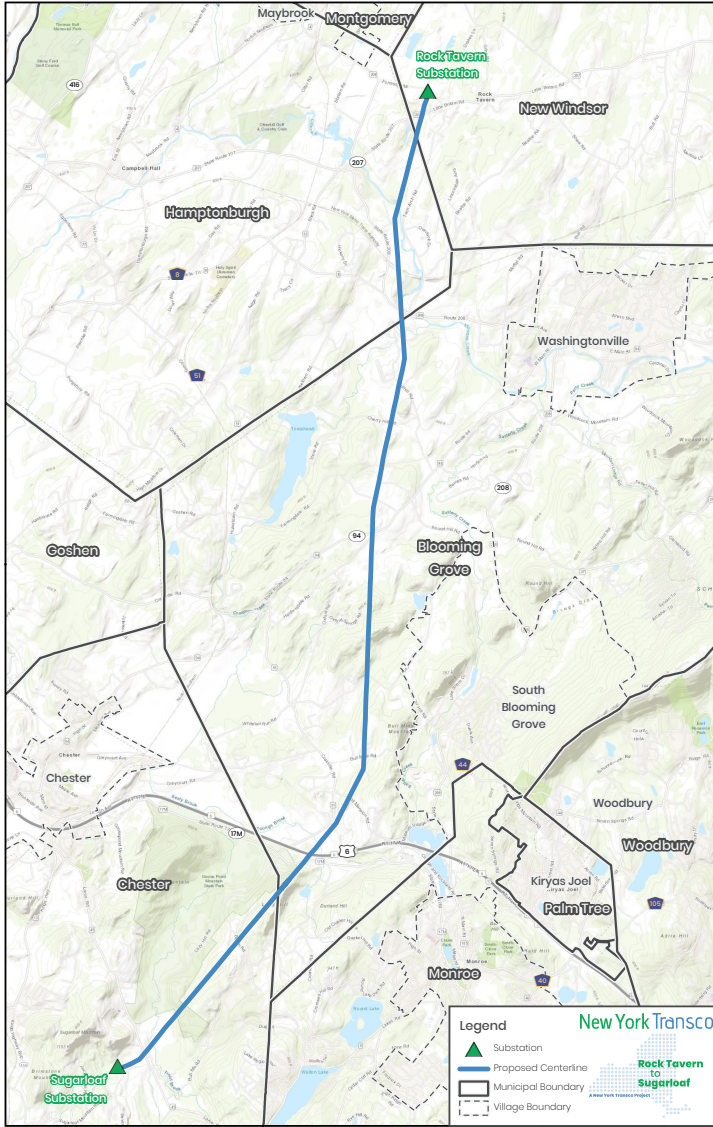
Segment B (New York Energy Solution):

- Schodack to Pleasant Valley
- NY Transco

Segment B Addition (Rock Tavern to Sugarloaf):

- New Windsor to Chester
- NY Transco

Rock Tavern to Sugarloaf (RTS)



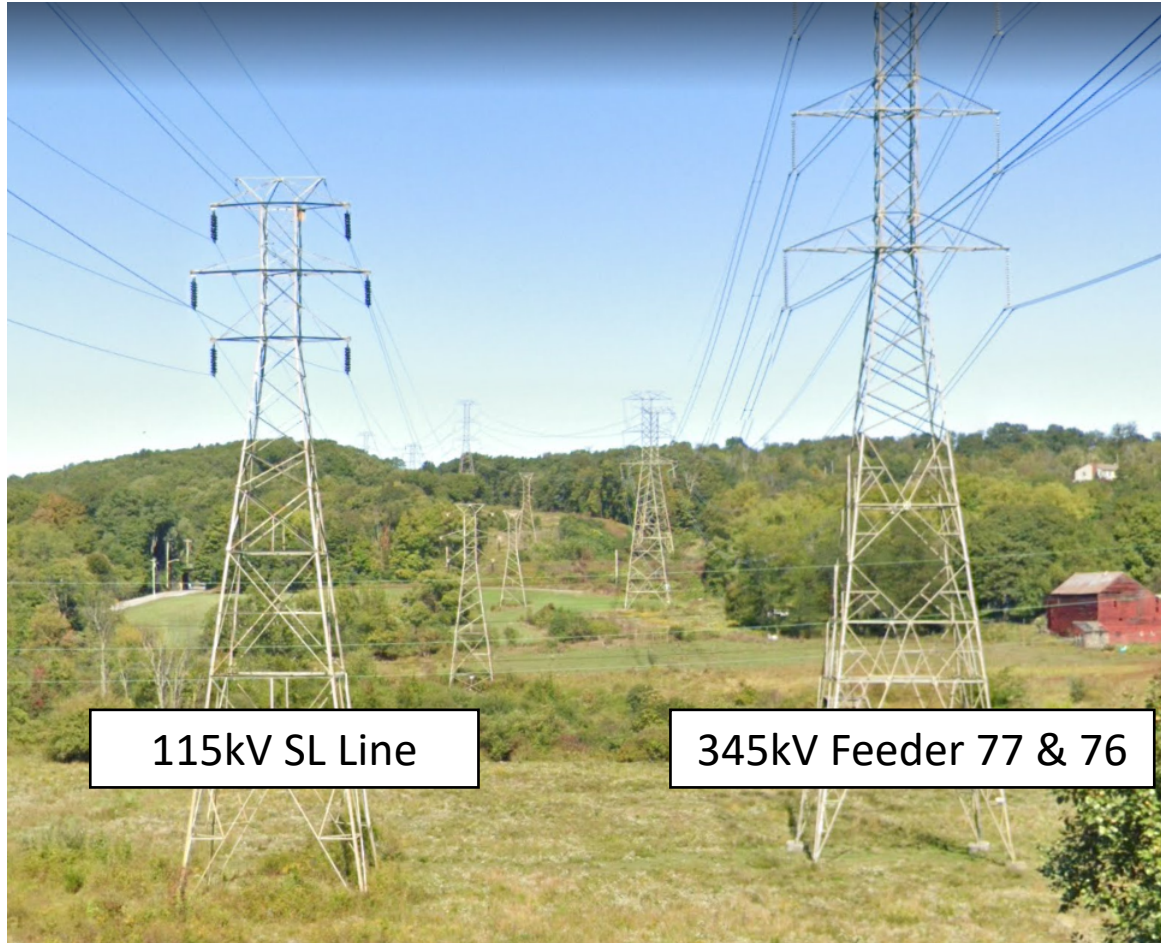
- Replaces 95 year old assets in existing ROW
- 12-mile overhead 115kV on monopoles
- Upgrades at existing stations

Town	Station/Mileage	Road Crossings
New Windsor	Rock Tavern/0.5	1
Hamptonburgh	2	2
Blooming Grove	6.75	12
Chester	Sugarloaf/2.5	4

Estimated Timeline

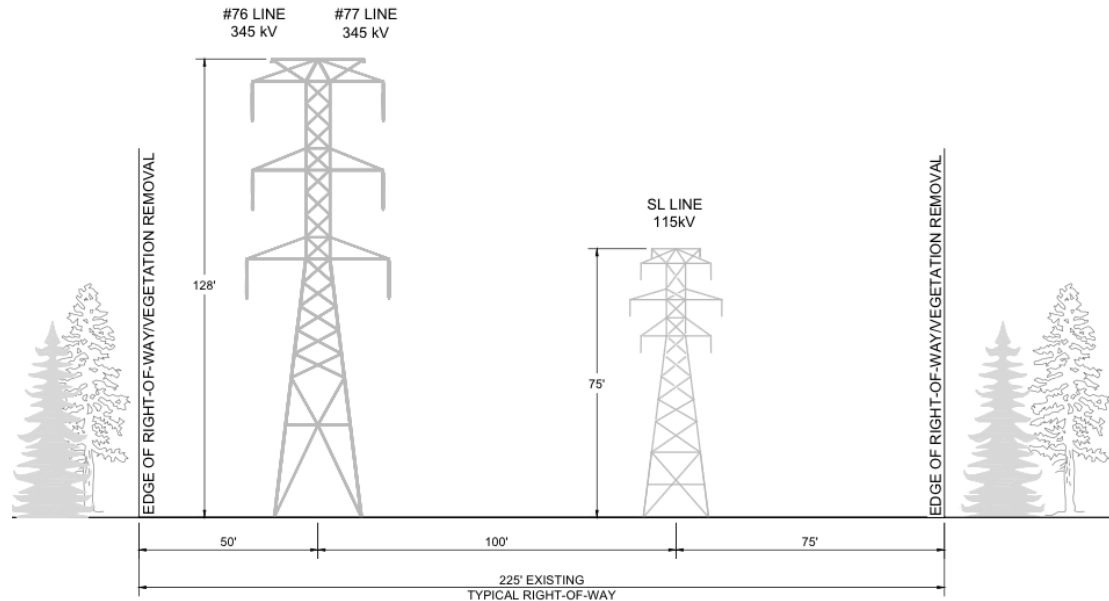


Transmission Line Rebuild



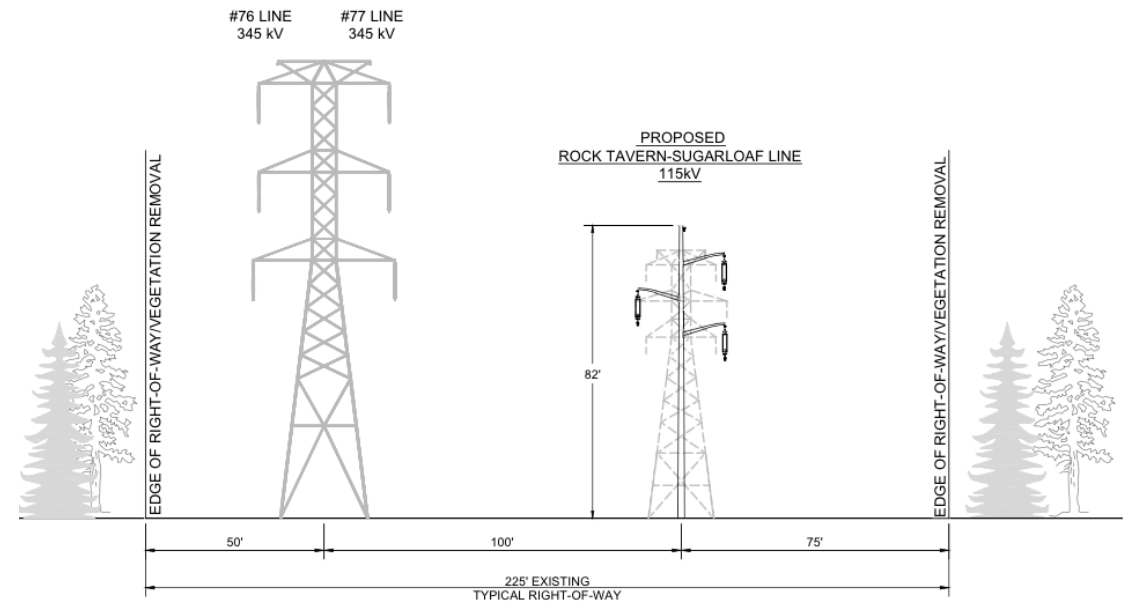
- Rebuild 12 miles 115kV SL Line
- Replace existing lattice structures & conductor
- New single circuit steel monopoles & larger conductor
- All in existing ROW

Preliminary Cross Section



EXISTING CROSS SECTION

Current



PROPOSED CROSS SECTION

Future

- Stays within existing transmission corridor
- Approx. 6' average height increase with new monopoles
- All engineering & design is preliminary and subject to change

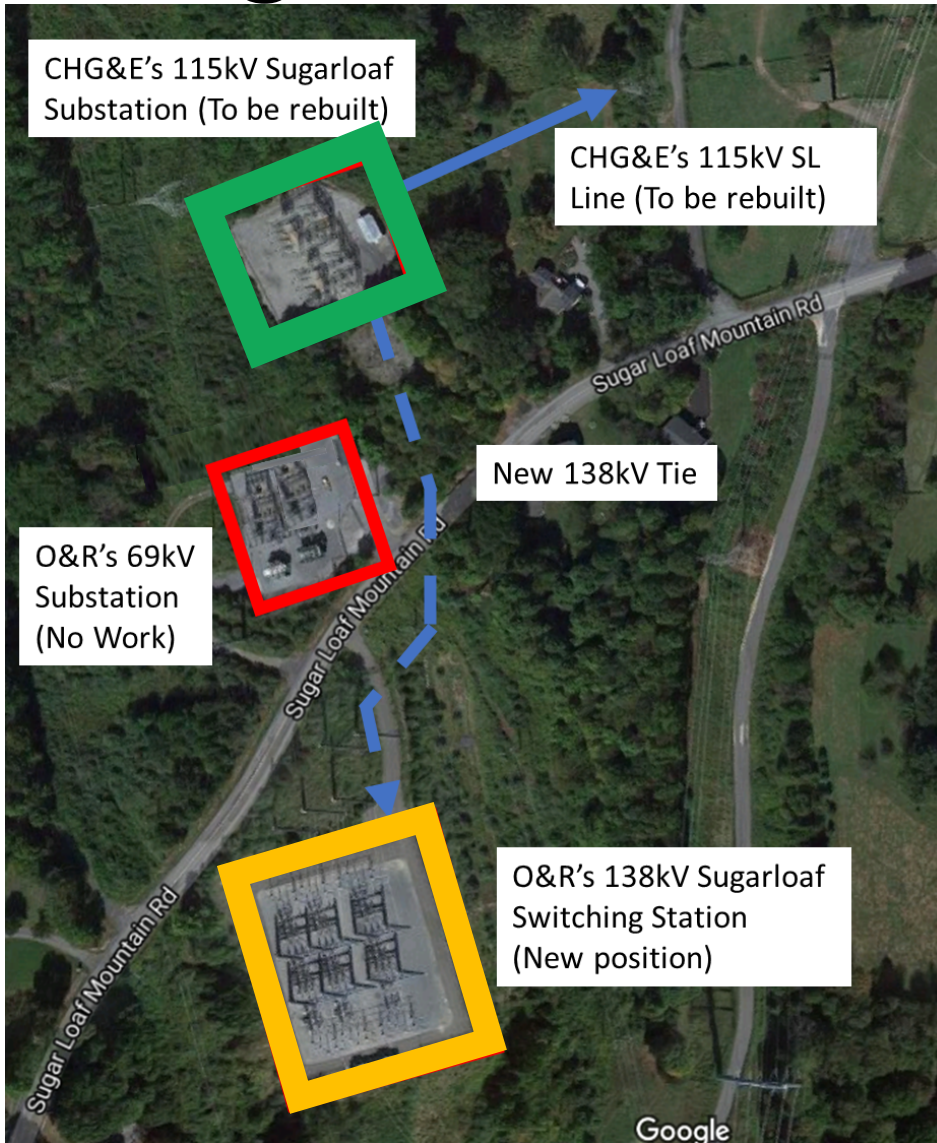
RTS in Chester

- Approx. 2.5 miles of overhead transmission line work
- 20 existing lattice structures removed and replaced with 22* structures
- Road crossings:
 - Booth Road
 - Laroe Road
- Upgrades at Sugarloaf Substation (off Sugar Loaf Mountain Rd)

*Approximate. Increase is due to tie line at Sugarloaf station



Sugarloaf Substation



- Location: Chester, Off Sugar Loaf Mountain Road
- Proposed RTS line comes into the Central Hudson 115kV station
- **Complete rebuild of 115kV station**
 - Ring bus with 115/138kV transformer
- Build approx. 1000' overhead 138kV tie to O&R's 138kV switching station
- Build new position in existing footprint at O&R's 138kV switching station

RTS Permitting

Article VII

- “One-stop-shop” for electric transmission projects
- New York Public Service Commission
- Basic Steps:
 1. Article VII Application submittal
 2. Public Hearings
 3. Certificate of Environmental Compatibility & Public Need granted
 4. Environmental Monitoring and Construction Plan (EM&CP) submitted and approved
 5. Notice to Proceed with Construction
- Many public involvement opportunities

Other Permits

- U.S. Army Corps of Engineers
- FAA Review

Stakeholder Engagement

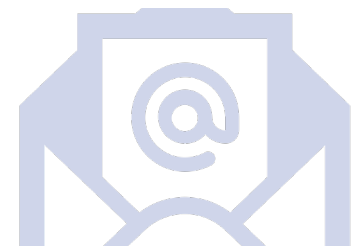
- Committed to working with all project stakeholders
- Proactive, transparent and accessible
- Multi-phase plan launched 7/20
 - Municipal Consultations & Briefings
 - One-on-One Abutter Meetings
 - Open houses/Community Meetings
 - Project Notifications, Fact Sheets, PPTs
- Planning to conduct open houses in October



800-314-4236



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RTS Benefits

Stays within Existing
Utility Rights-of-
Way

Designed to
minimize local
impacts

More Resiliency

Replaces 95 year old
assets

Unlocks Clean
Energy Resources

Job Creation
& Tax Revenues

Questions?



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Feedback?



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